



How to change front
brake pads on **HYUNDAI**
Grand Santa Fé (DM) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:

HYUNDAI Grand Santa Fé (DM) 3.3 GDi All-wheel Drive, HYUNDAI Grand Santa Fé (DM) 3.3 All-wheel Drive, HYUNDAI Grand Santa Fé (DM) 2.2 CRDi All-wheel Drive, HYUNDAI Grand Santa Fé (DM) 3.3

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: HYUNDAI SANTA FÉ II (CM) 2.2 CRDi

REPLACEMENT: BRAKE PADS – HYUNDAI GRAND SANTA FÉ (DM). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – HYUNDAI Grand Santa Fé (DM) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the front of the car and secure on supports.

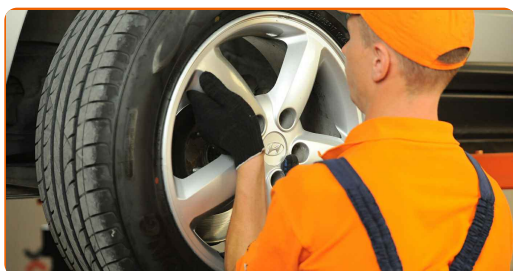
5 Unscrew the wheel bolts.



AUTODOC recommends:

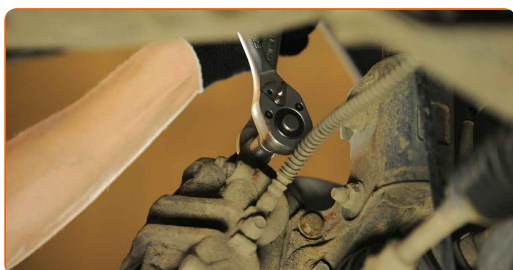
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
HYUNDAI Grand Santa Fé (DM)

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8 Unscrew the brake caliper fastening. Use a drive socket #14. Use a ratchet wrench.



9 Remove the guide pins from the old brake caliper.

10

Spread the brake pads. Use a crowbar.

11

Remove the brake caliper.



Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12

Remove the brake pads.

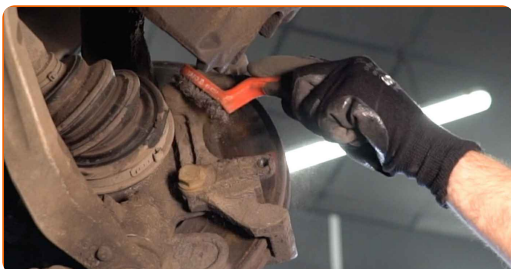


Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

13 Remove the brake pads retaining clips.

14 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). After applying the spray, wait a few minutes.

15 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). Professionals recommend:

- Make sure the disc surface is clean before installing the pads.

16

Install new brake pads.



Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). AUTODOC experts recommend:

- Make sure the pads are installed with linings facing the disc.

17

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

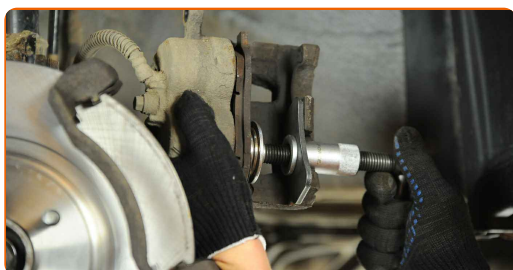


AUTODOC recommends:

- Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). After applying the spray, wait a few minutes.

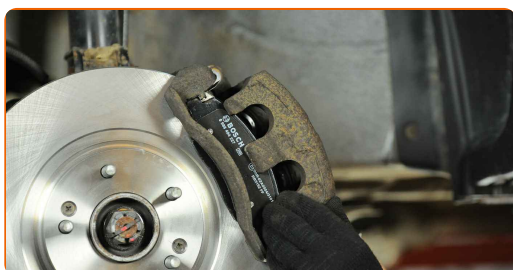
18

Press in the brake caliper piston. Use brake caliper wind back tool.



19

Install the brake caliper and fix it.

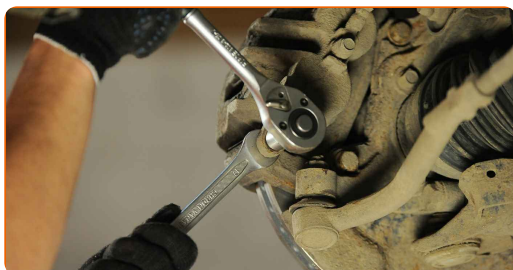


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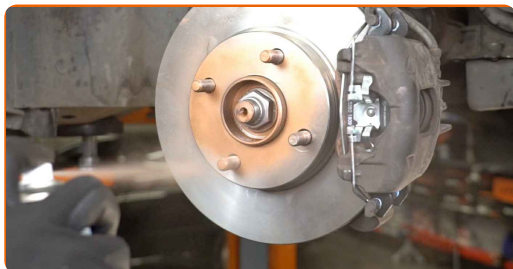
Screw in the guide pins.

21

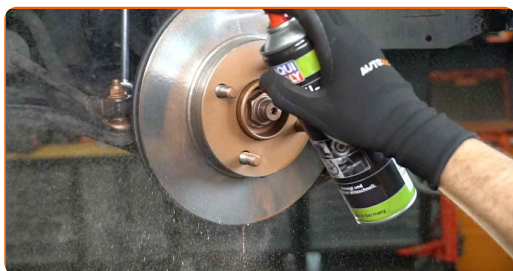
Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 30 Nm torque.



22 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



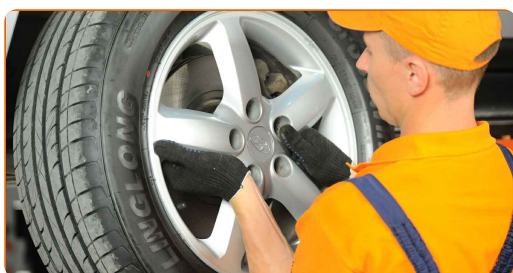
23 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

24 Install the wheel.



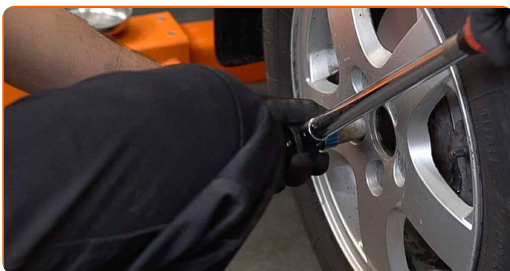
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. HYUNDAI Grand Santa Fé (DM)

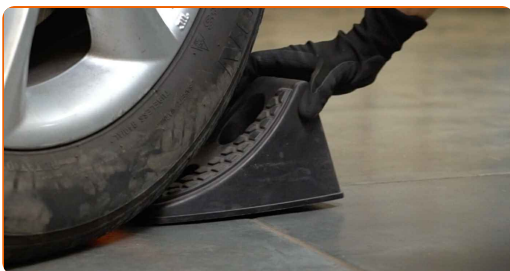
25 Screw in the wheel bolts. Use wheel impact socket #21.



26 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 108 Nm torque.



27 Remove the jacks and chocks.



Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). Tip:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

28 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – HYUNDAI Grand Santa Fé (DM). Professionals recommend:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

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BRAKE PADS: A WIDE SELECTION

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